

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 9 | "813163".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 21:33 |
| S2 | 185 | "5,818,630" "6,151,338" "5,892,615" "6,433,306" "5,400,350" "5,563,732" "6,335,941" "6,340,806" "5,854,865" | USPAT | OR | ON | 2006/06/11 23:02 |
| S3 | 9 | ((("5,818,630") or ("6,151,338") or ("5,892,615") or ("6,433,306") or ("5,400,350") or ("5,563,732") or ("6,335,941") or ("6,340,806") or ("5,854,865"))).PN. | USPAT | OR | OFF | 2006/06/11 23:02 |
| S4 | 5 | ((("20040240037") or ("20040263950") or ("20040263949") or ("20050018714") or ("20040213302"))).PN. | US-PGPUB | OR | OFF | 2006/06/11 23:03 |
| S5 | 14 | S3 or S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/11 23:07 |
| S6 | 2 | "6885683".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/11 23:07 |
| S7 | 8 | (US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6151338-\$ or US-5892615-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did. | USPAT | OR | ON | 2006/06/11 23:23 |
| S8 | 15 | (US-20040263950-\$ or US-20040263949-\$ or US-20050018714-\$ or US-20040240037-\$ or US-20040213302-\$).did. or (US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6335941-\$ or US-6151338-\$ or US-5892615-\$ or US-5854865-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/11 23:23 |
| S9 | 7 | S8 not S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/11 23:23 |

EAST Search History (Prior Art)

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| S10 | 8 | (US-6885683-\$ or US-6433306-\$ or US-6340806-\$ or US-6151338-\$ or US-5892615-\$ or US-5818630-\$ or US-5400350-\$ or US-5563732-\$).did. | USPAT | OR | ON | 2006/06/12 00:45 |
| S11 | 5 | S10 and ASE | USPAT | OR | ON | 2006/06/12 00:48 |
| S12 | 0 | fiber with length with avoid\$ with ASE and ("359" or "372").clas. | USPAT | OR | ON | 2006/06/12 00:49 |
| S13 | 1 | fiber with length with avoid\$ with ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 00:50 |
| S15 | 0 | fber same length with remov\$5 with ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 00:58 |
| S16 | 6 | fiber same length with remov\$5 with ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 00:58 |
| S17 | 1654 | (359/341.\$2).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:08 |
| S18 | 1551 | 372/6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:09 |
| S19 | 2942 | S17 or S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:11 |
| S20 | 50 | S19 and pulse same stretch\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:12 |

EAST Search History (Prior Art)

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| S21 | 209 | S19 and stretch\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:19 |
| S22 | 0 | S19 and stretch\$ and "6275512".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:19 |
| S23 | 2 | "6275512".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:22 |
| S24 | 5 | "576772".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:22 |
| S25 | 2 | "6885683".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:25 |
| S26 | 20 | ("4750809" "5185827" "5499134" "5510743" "5631758" "5818630" "5847863" "5880877" "5960016" "5998759" "6014249" "6072811" "6154310" "6181463" "6275250" "6281471" "6449301" "6480656" "6496301").PN. OR ("6885683").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/18 13:26 |
| S27 | 416 | "372".clas. and modular | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:32 |
| S28 | 21 | "372".clas. and modular same replaceable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:32 |

EAST Search History (Prior Art)

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| S29 | 47 | "372".clas. and module with replaceable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/18 13:32 |
| S30 | 10 | aom same pulse same select\$5 same filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 09:47 |
| S31 | 42 | aom same pulse same select\$5 and filter\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 09:47 |
| S32 | 10 | aom same pulse same select\$5 same filter\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 10:38 |
| S34 | 6 | S33 and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 10:38 |
| S33 | 173 | aom with filter\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 10:40 |
| S35 | 16 | aom same filter\$5 and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 10:41 |
| S37 | 15 | (US-20040240037-\$ or US-20040263949-\$ or US-20040213302-\$ or US-20040263950-\$ or US-20050018714-\$).did. or (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-6335941-\$ or US-5818630-\$ or US-5854865-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:08 |

EAST Search History (Prior Art)

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| S36 | 8 | (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-5818630-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did. | USPAT | OR | ON | 2006/07/20 11:09 |
| S38 | 10 | S37 or S37 | USPAT | OR | ON | 2006/07/20 11:09 |
| S39 | 10 | S36 or S37 | USPAT | OR | ON | 2006/07/20 11:09 |
| S40 | 15 | S36 or S37 | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:10 |
| S41 | 5 | (US-20040213302-\$).did. or (US-6424762-\$ or US-6134046-\$ or US-6867910-\$ or US-6160660-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:10 |
| S42 | 19 | S41 or S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:10 |
| S43 | 9 | S42 and (ultrafast or ultrashort) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:11 |
| S44 | 8 | S42 and (ultrafast) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:11 |
| S45 | 6 | (US-20060120418-\$ or US-20050226278-\$).did. or (US-7072101-\$ or US-6631025-\$ or US-6014249-\$ or US-6885683-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:15 |
| S46 | 20 | S45 or S36 or S37 | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:16 |
| S47 | 0 | ("2004/0213302").URPN. | USPAT | OR | ON | 2006/07/20 11:17 |
| S48 | 8 | (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-5818630-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did. | USPAT | OR | ON | 2006/07/20 11:36 |
| S49 | 5 | (US-20040213302-\$).did. or (US-6424762-\$ or US-6134046-\$ or US-6867910-\$ or US-6160660-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:36 |
| S50 | 15 | (US-20040240037-\$ or US-20040263949-\$ or US-20040213302-\$ or US-20040263950-\$ or US-20050018714-\$).did. or (US-5563732-\$ or US-5400350-\$ or US-6340806-\$ or US-6885683-\$ or US-6335941-\$ or US-5818630-\$ or US-5854865-\$ or US-5892615-\$ or US-6151338-\$ or US-6433306-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:36 |

EAST Search History (Prior Art)

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| S51 | 6 | (US-20060120418-\$ or US-20050226278-\$). did. or (US-7072101-\$ or US-6631025-\$ or US-6014249-\$ or US-6885683-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/20 11:36 |
| S52 | 24 | S48 or S49 or S50 or S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:37 |
| S53 | 201 | fiber and stretch\$ and compress\$5 and pulse and laser and amplif\$5 and ("372". clas. or "359".clas.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:46 |
| S54 | 2 | "6275512".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 11:46 |
| S55 | 43 | ("359" or "372").clas. and "35" with db with isolat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 12:50 |
| S56 | 2 | ("359" or "372").clas. and oscillator with amplifier with db with isolat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 12:51 |
| S57 | 14 | ("359" or "372").clas. and oscillator same amplifier same db with isolat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/20 12:51 |
| S58 | 14 | (US-20030202547-\$).did. or (US-6151338-\$ or US-5818630-\$ or US-5400350-\$ or US-6631025-\$ or US-6014249-\$ or US-7072101-\$ or US-6804287-\$ or US-5862287-\$ or US-5847863-\$ or US-6804045-\$ or US-6272156-\$ or US-5592327-\$ or US-6275512-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/21 10:25 |
| S14 | 9 | fiber with avoid\$ with ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 10:37 |

EAST Search History (Prior Art)

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| S59 | 143 | fiber same (remov\$5 or avoid\$) same ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 10:40 |
| S60 | 23 | fiber same (remov\$5 or avoid\$) same ASE and ("359" or "372").clas. and 372/6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 10:41 |
| S61 | 18 | (fiber with (long or length)) same (remov\$5 or avoid\$) same ASE and ("359" or "372").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 11:31 |
| S62 | 2 | 372/6.ccls. and (amplif\$ with "after" with stretch\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 11:33 |
| S63 | 10 | ("372" or "359").clas. and (amplif\$5 with "after" with stretch\$) same fiber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:01 |
| S64 | 2 | "5,847,863".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:01 |
| S65 | 1 | aom with advantage with pulse with select\$5 and ("372" or "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:08 |
| S66 | 26 | aom with advantage and ("372" or "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:08 |

EAST Search History (Prior Art)

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| S67 | 9 | (US-20030156605-\$).did. or (US-7072101-\$ or US-6804287-\$ or US-6804045-\$ or US-6272156-\$ or US-5862287-\$ or US-5847863-\$ or US-5400350-\$ or US-5592327-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/21 12:33 |
| S68 | 9 | S67 and fiber | US-PGPUB; USPAT | OR | ON | 2006/08/21 12:34 |
| S69 | 0 | S67 and modular | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:36 |
| S70 | 1 | S67 and fiber with splice | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:36 |
| S71 | 9 | (US-20030156605-\$).did. or (US-7072101-\$ or US-6804287-\$ or US-6804045-\$ or US-6272156-\$ or US-5862287-\$ or US-5847863-\$ or US-5400350-\$ or US-5592327-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/21 13:06 |
| S72 | 0 | S71 and AOM | US-PGPUB; USPAT | OR | ON | 2006/08/21 13:06 |
| S73 | 4 | S71 and acousto-optic | US-PGPUB; USPAT | OR | ON | 2006/08/21 13:07 |
| S75 | 1 | spatial near2 dispersion with aom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/02 13:38 |
| S76 | 1 | spatial near2 dispersion same aom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/02 13:39 |
| S77 | 29 | spatial near2 dispersion same modulator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/02 13:39 |

EAST Search History (Prior Art)

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| S78 | 2 | 10/627,069.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 11:32 |
| S79 | 19 | ("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5563732" "5818630" "5854865" "5892615" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/06/04 10:51 |
| S80 | 15 | (US-20040263949-\$ or US-20040240037-\$ or US-20040263950-\$ or US-20040213302-\$ or US-20050018714-\$).did. or (US-6885683-\$ or US-6340806-\$ or US-6151338-\$ or US-5818630-\$ or US-5563732-\$ or US-6433306-\$ or US-5892615-\$ or US-5400350-\$ or US-6335941-\$ or US-5854865-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/06/04 10:53 |
| S81 | 1 | S80 not S79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 10:53 |
| S82 | 5 | S79 not S80 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 10:54 |
| S83 | 2 | 10/437057.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 11:07 |
| S84 | 21 | ("20020170891" "20030156605" "20040263949" "4635263" "4750809" "4896326" "4913520" "5400350" "5553088" "5627853" "5818630" "5880877" "6208458" "6249630" "6373565" "6400495" "6404964" "6421573" "6436602" "6728273" "6760356").PN. OR ("7330301").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 11:08 |

EAST Search History (Prior Art)

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| S85 | 0 | feedback same pump same amplifier same control same wavelength same temprature same fiber | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 11:28 |
| S86 | 25 | feedback\$5 same pump\$4 same amplifier same control\$4 same wavelength same temperature same fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 11:29 |
| S87 | 454 | feedback\$5 same control\$4 same wavelength same temperature same fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 13:13 |
| S88 | 51 | feedback\$5 same control\$4 same wavelength same temperature same fiber and 372/6,34.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 13:15 |
| S89 | 23 | ("5706301" "5793784" "6198757").PN. OR ("6389046").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 13:39 |
| S90 | 23 | ("5706301" "5793784" "6198757").PN. OR ("6389046").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 13:55 |
| S91 | 0 | 372/6.clas. and tap near5 divert\$4 near5 monitor\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 13:58 |
| S92 | 0 | 372/6.clas. and tap\$4 same divert\$4 same monitor\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 13:59 |
| S93 | 1 | 372/6.ccls. and tap\$4 same divert\$4 same monitor\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/04 13:59 |
| S94 | 1 | 372/6.ccls. and tap\$4 same divert\$4 same monitor\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 14:00 |

EAST Search History (Prior Art)

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| S95 | 13 | "372".clas. and tap\$4 same divert\$4 same monitor\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 14:01 |
| S96 | 15 | "372".clas. and optical same tap\$4 same fiber and divert\$4 same monitor\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/04 14:04 |
| S97 | 215 | 372/6.ccls. and polarization near2 maintaining near2 fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 18:18 |
| S98 | 46 | 372/6.ccls. and polarization near2 maintaining near2 fiber same (advantag\$5 benefit\$5 (better higher high improv\$6 increas\$5) near3 (speed quality efficiency) (highly near3 efficient) (lower\$5 low reduc\$6 decreas\$5) near3 (complex\$5 cost price) (saving near cost)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 18:18 |
| S99 | 2 | "5,400,350".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 18:30 |
| S10 1 | 2 | AOM near10 grating near10 compressor and ("372" "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:33 |
| S10 2 | 2 | AOM near20 compressor and ("372" "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:33 |

EAST Search History (Prior Art)

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| S10 3 | 6 | AOM same compressor and ("372" "359"). clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:34 |
| S10 4 | 98 | AOM same grating and ("372" "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:36 |
| S10 5 | 52 | AOM near10 grating and ("372" "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:36 |
| S10 6 | 21 | AOM same compress\$5 and ("372" "359"). clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:36 |
| S10 7 | 3 | spatial near2 dispersion same (aom accousto\$ near2 modulator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:44 |
| S10 8 | 7 | spatial near2 dispersion same (aom accousto\$ near2 modulator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/11 19:46 |
| S10 9 | 33 | (pm (polarizat\$5 polarisat\$5) near2 maintain\$4) near5 (fiber fibre) near5 splice and ("372" "359").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/31 22:06 |

EAST Search History (Prior Art)

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|----------|-----|---|--|----|----|------------------|
| S11 0 | 40 | (pm (polarizat\$5 polarisat\$5) near2 maintain\$4) near5 splice same (fiber fibre) same laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/31 22:17 |
| S11 1 | 1 | aom same lenses same fiber and 372/6.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:35 |
| S11 2 | 118 | aom same lenses same fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:36 |
| S11 3 | 10 | aom near5 lenses near5 fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:37 |
| S11 4 | 0 | aom near lenses near5 fiber near5 pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:45 |
| S11 5 | 0 | aom near5 lenses near5 fiber near5 pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:45 |
| S11 6 | 2 | aom same lenses same fiber same pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:45 |

EAST Search History (Prior Art)

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|----------|------|---|--|----|----|------------------|
| S11 7 | 3 | (aom accoustooptic accousto-optic acoustooptic acousto-optic) same lenses same fiber same pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 19:48 |
| S11 8 | 7 | (modulator aom accoustooptic acousto-optic acoustooptic acousto-optic) same lenses same fiber same pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:21 |
| S11 9 | 20 | (aom accoustooptic accousto-optic acoustooptic acousto-optic) same lenses same pulse near2 select\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:24 |
| S12 0 | 0 | (aom accoustooptic accousto-optic acoustooptic acousto-optic) near10 between near10 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:33 |
| S12 1 | 5991 | between near10 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:33 |
| S12 2 | 4 | (aom accoustooptic accousto-optic acoustooptic acousto-optic) near20 between near20 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:34 |
| S12 3 | 0 | (pulse near2 select\$5) near20 between near20 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:37 |

EAST Search History (Prior Art)

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|----------|-----|--|--|----|----|------------------|
| S12 4 | 22 | (pulse near2 select\$5) near20 between near20 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:38 |
| S12 5 | 52 | (pulse near2 select\$5 aom) same pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:41 |
| S12 6 | 371 | (modulat\$5) near10 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:50 |
| S12 7 | 2 | (pulse near2 modulat\$5) near10 pair near5 lenses | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:50 |
| S12 8 | 7 | aom near20 pulse near5 (select\$5 modulat\$5) near20 lens near20 lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 20:52 |
| S12 9 | 44 | ("20020131164" "20030131164" "20030156 605" "20040213302" "20040240037" "2004 0263949" "20040263950" "20050018714" " 5400350" "5499134" "5563732" "5818630" " 5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306 "6570892" "6570892" "6813429" "681342 9").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 21:39 |
| S13 0 | 0 | S129 and aom same lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 21:39 |

EAST Search History (Prior Art)

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|----------|----|--|--|----|----|------------------|
| S13 1 | 0 | S129 and aom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/01 21:39 |
| S13 2 | 22 | ("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/09/01 21:40 |
| S13 3 | 0 | ("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. and aom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/09/01 21:41 |
| S13 4 | 6 | ("20020131164" "20030131164" "20030156605" "20040213302" "20040240037" "20040263949" "20040263950" "20050018714" "5400350" "5499134" "5563732" "5818630" "5854865" "5892615" "6064501" "6104526" "6151338" "6335941" "6340806" "6433306" "6570892" "6570892" "6813429" "6813429").PN. and acoust\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/09/01 21:41 |
| S13 5 | 0 | S132 and stretch\$6 and compress\$6 and aom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/09/01 21:50 |
| S13 6 | 6 | S132 and stretch\$6 and compress\$6 and acoust\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2008/09/01 21:50 |
| S13 7 | 2 | 10/627,069.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 09:28 |

EAST Search History (Prior Art)

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|----------|----|--|--|----|----|------------------|
| S13 8 | 2 | "5,450,427".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 09:36 |
| S13 9 | 45 | oscillator near3 laser same filter same attenuator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 07:57 |
| S14 0 | 2 | oscillator near3 laser same filter same attenuator and 372/6.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 07:58 |
| S14 1 | 4 | oscillator near3 laser same filter same attenuator same (stretch\$4 fiber) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 08:41 |
| S14 2 | 8 | oscillator same filter same attenuator same (stretch\$4 fiber) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 08:46 |
| S14 3 | 52 | oscillator same filter adj99 (stretch\$4 fiber) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:01 |
| S14 4 | 10 | oscillator same filter adj99 (stretch\$4) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:02 |

EAST Search History (Prior Art)

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| S14 5 | 23 | filter adj99 (stretch\$4) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:07 |
| S14 6 | 1 | 09/576772.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:10 |
| S14 7 | 1 | 07/360,178.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:18 |
| S14 8 | 1 | 05/360,178.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/20 09:18 |
| S14 9 | 2 | "6275512".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 07:08 |
| S15 0 | 2 | US-6885683-\$.DID. OR US-6886683-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 07:17 |
| S15 1 | 10 | US-7088756-\$.DID. OR US-7190705-\$.DID. OR US-4787927-\$.DID. OR US-5627848-\$. DID. OR US-5861970-\$.DID. OR US-6034975-\$.DID. OR US-6097741-\$.DID. OR US-6373867-\$.DID. OR US-6393035-\$. DID. OR US-20040213302-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/21 07:21 |
| S15 2 | 4 | S151 and attenuat\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 07:26 |

EAST Search History (Prior Art)

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| S15 3 | 3 | S151 and attenuat\$5 and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/21 07:26 |
| S15 4 | 27 | variable near20 attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/24 16:07 |
| S15 5 | 36 | fiber same attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/24 16:18 |
| S15 6 | 10 | fiber same attenuat\$5 same oscillat\$5 same amplif\$5 same ase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/24 16:35 |
| S15 7 | 37 | filter near99 (stretch\$4) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/24 17:05 |
| L5 | 188 | (ase amplified near2 spontaneous near emission) same amplifier near3 gain same (spectrum spectra) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/23 14:48 |
| L6 | 11 | (ase amplified near2 spontaneous near emission) same amplifier near3 gain same (spectrum spectra) same small near2 signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/23 14:48 |

EAST Search History (Prior Art)

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|----|----|---|--|----|----|------------------|
| L7 | 2 | "5701195".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/23 14:52 |
| L8 | 36 | fiber same attenuat\$5 same oscillat\$5 same amplif\$5 and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/23 14:55 |
| L9 | 37 | filter near99 (stretch\$4) and "372".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/23 14:55 |